

# INTEROFFICE MEMORANDUM

Date: July 15, 2004  
 To: Arthur L. Williams, Director  
 From: Arthur Chang, Environmental Supervisor  
 Re: June 2004 FRM PM<sub>2.5</sub> Monitoring Update Report

This is a report of June 2004 Federal Reference Method (FRM) PM<sub>2.5</sub> monthly averages, annual averages, 3-year annual design values, and year-to-year comparison data summaries. (These data are subject to further quality assurance and are not final.)

## June 2004

**Table 1. PM<sub>2.5</sub> Monthly Data Summary (µg/m<sup>3</sup>)**

	Daily Maximum	Daily Minimum		<u>Monthly</u>
<u>Site Name</u>	<u>Conc. &amp; Date</u>	<u>Conc. &amp; Date</u>	<u>Run Time</u>	<u>Average</u>
Southwick	28.5 (6/05)	8.2 (6/01)	100.0 %	17.3
Wyandotte	26.3 (6/05)	6.0 (6/01)	96.7 %	16.6
Barret	23.7 (6/05&11)	8.8 (6/02)	100.0 %	15.6
Watson	21.1 (6/08)	8.7 (6/02)	100.0 %	14.7
<b>Overall</b>				<b>16.6</b>

The 24-hour average standard is 65 µg/m<sup>3</sup>.

**Table 2. PM<sub>2.5</sub> Design Values and Year-to-Date Annual Mean Comparisons**

<u>Site Name</u>	Annual Mean(µg/m <sup>3</sup> )						Annual Design Values (1999-2001)	Annual Design Values (2000-2002)	Annual Design Values (2001-2003)	Annual Design Values (2002-2004)
	2004 Year-To-Date	2003	2002	2001	2000	1999				
Southwick/ <i>Firearms Trn</i> <sup>1</sup>	14.5	15.4	17.2	17.1/ 18.7	17.3	17.5	N/A	N/A	N/A	
Wyandotte	13.5	15.2	17.5	17.7	16.7	16.9	<b>17.1<sup>2</sup></b>	<b>17.3<sup>2</sup></b>	<b>16.8<sup>2</sup></b>	
Barret	13.9	15.2	16.3	16.9	16.7	17.2	16.9	16.6	16.1	
Watson	12.2	15.1	15.3	16.3	16.8	15.2	16.1	16.1	15.5	

The annual average standard is 15.0 µg/m<sup>3</sup>.

<sup>1</sup> *Firearms Training* replaced Southwick Community Center monitoring during 2001, due to renovation. Twelve quarters of contiguous data are unavailable.

<sup>2</sup> Design value site for Louisville.